


<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE OF PAGES <b>1</b> <b>1</b>	
<i>Initials &amp; Control Number:</i>							
2. AMENDMENT/MODIFICATION NO. <b>N66604-04-R-1804-0001</b>		3. EFFECTIVE DATE <b>2004 Jan 26</b>		4. REQUISITION/PURCHASE REQ. NO. <b>N66604-3027-1DE5</b>		5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE		CODE		7. ADMINISTERED BY (If other than Item 6) CODE			
<b>Commercial Acquisition Department, Building 11</b> <b>Naval Undersea Warfare Center Division, Newport</b> <b>Code 5913</b> <b>Simonpietri Drive</b> <b>Newport, RI 02841-1708</b>							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(X)	9A. AMENDMENT OF SOLICITATION NO. <b>N66604-04-R-1804</b>		
				<b>X</b>	9B. DATED (SEE ITEM 11) <b>2004 Jan 12</b>		
					10A. MODIFICATION OF CONTRACT/ORDER NO.		
					10B. DATED (SEE ITEM 13)		
CODE		FACILITY CODE					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>							
(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO : (Specify authority) <b>FAR 52.243-</b>						
	THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
	D. OTHER (Specify type of modification and authority)						
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return 3 copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
<b><u>PURPOSE:</u></b> To incorporate Specification Change Notice (SCN) 2104NS001.							
<b><u>AMENDMENT:</u></b> <b>1. Specification Change Notice (SCN) 2104NS001 dated Jan. 22, 2004 which makes changes to specification number 7335257A is attached hereto and made a part of this solicitation.</b>  <b>2. An updated version of the Critical Item Performance Specification (CIPS) which incorporates the changes reflected in SCN001 is available upon request. Please email any requests for an updated Critical Item Performance Specification (CIPS) to [marsoccihj@npt.nuwc.navy.mil].</b>							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
POINT OF CONTACT: <b>H. J. Marsocci Tel: 401-832-1582 Fax: 401-832-4820 E-mail: marsoccihj@npt.nuwc.navy.mil</b>							
DISTRIBUTION:							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
BY _____ (Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)			

<b>SPECIFICATION CHANGE NOTICE (SCN)</b>			1. DATE (YYYYMMDD) 20040122		Form Approved OMB No. 0704-0188						
<p>The public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.</p> <p>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THIS ADDRESS. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</p>					2. PROCURING ACTIVITY NO. 2104NS001						
					3. DODAAC						
4. ORIGINATOR			5. SCN TYPE								
a. TYPED NAME (First, Middle Initial, Last) NUWC DIV NPT			<input type="checkbox"/> PROPOSED <input checked="" type="checkbox"/> APPROVED								
b. ADDRESS (Street, City, State, Zip Code) 1176 HOWELL STREET NEWPORT, RI 02841-1708			6. CAGE CODE 53711		7. SPEC. NO. 7335257A						
			8. CAGE CODE 50225		9. SCN NO. 001						
10. SYSTEM DESIGNATION AN/BSY1/2, AN/BQN-17		11. RELATED ECP NO. 2004NE008		12. CONTRACT NO.		13. CONTRACTUAL AUTHORIZATION					
14. CONFIGURATION ITEM NOMENCLATURE MX-10624B				15. EFFECTIVITY ALL NEW PRODUCTION AFTER 1/23/2004							
<p>This notice informs recipients that the specification identified by the number (and revision letter) shown in Item 7 has been changed. The pages changed by this SCN are those furnished herewith and carry the approval date of the related ECP listed in Item 11. The pages of the page numbers and dates listed in Items 16 and 17, combined with non-listed pages of the original issue of the revision shown in Item 7, constitute the current approved version of this specification.</p>											
16. PAGES AFFECTED BY THIS SCN					TYPE OF CHANGE*		APPROVAL DATE (YYYYMMDD)				
a. PAGE(S)  SEE ATTACHMENT 1					b. S		c.				
17. SUMMARY OF PREVIOUSLY CHANGED PAGES					DATE SUBMITTED (YYYYMMDD)		TYPE OF CHANGE *		APPROVAL (YYYYMMDD)		
SCN NO. a.		RELATED ECP NO. b.		PAGE(S) c.		d.		e.		f.	
<p>* "S" indicates supersedes earlier page.    "A" indicates added page.    "D" indicates deletion.</p>											
18.a. GOVERNMENT ACTIVITY NUWC DIV NPT				c. SIGNATURE 				d. DATE SIGNED (YYYYMMDD) 20040123			
b. TYPED NAME (First, Middle Initial, Last) RONALD J. REGO											

<b>SPECIFICATION CHANGE NOTICE (SCN)</b>				<b>1. DATE</b> (YYYYMMDD)		<i>Form Approved OMB No. 0704-0188</i>					
<p>The public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.</p> <p><b>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THIS ADDRESS. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.</b></p>						<b>2. PROCURING ACTIVITY NO.</b>					
						<b>3. DODAAC</b>					
<b>4. ORIGINATOR</b>				<b>5. SCN TYPE</b>							
a. TYPED NAME ( <i>First, Middle Initial, Last</i> )				<input type="checkbox"/> PROPOSED		<input type="checkbox"/> APPROVED					
b. ADDRESS ( <i>Street, City, State, Zip Code</i> )				<b>6. CAGE CODE</b>		<b>7. SPEC. NO.</b>					
				<b>8. CAGE CODE</b>		<b>9. SCN NO.</b>					
<b>10. SYSTEM DESIGNATION</b>		<b>11. RELATED ECP NO.</b>		<b>12. CONTRACT NO.</b>		<b>13. CONTRACTUAL AUTHORIZATION</b>					
<b>14. CONFIGURATION ITEM NOMENCLATURE</b>				<b>15. EFFECTIVITY</b>							
<p><i>This notice informs recipients that the specification identified by the number (and revision letter) shown in Item 7 has been changed. The pages changed by this SCN are those furnished herewith and carry the approval date of the related ECP listed in Item 11. The pages of the page numbers and dates listed in Items 16 and 17, combined with non-listed pages of the original issue of the revision shown in Item 7, constitute the current approved version of this specification.</i></p>											
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<b>17. SUMMARY OF PREVIOUSLY CHANGED PAGES</b>						<b>DATE SUBMITTED (YYYYMMDD)</b>		<b>TYPE OF CHANGE *</b>		<b>APPROVAL (YYYYMMDD)</b>	
<b>SCN NO.</b> a.		<b>RELATED ECP NO.</b> b.		<b>PAGE(S)</b> c.		d.		e.		f.	
<p>* "S" indicates supersedes earlier page.      "A" indicates added page.      "D" indicates deletion.</p>											
<b>18.a. GOVERNMENT ACTIVITY</b>						<b>c. SIGNATURE</b>				<b>d. DATE SIGNED (YYYYMMDD)</b>	
b. TYPED NAME ( <i>First, Middle Initial, Last</i> )											

## ATTACHMENT 1 TO ECP 2104NS001

Make the following changes to 7335257A:

FROM:

### 4.2.1.7 Pressure Test

To satisfy the requirements of 3.2.6.5, the window shall be attached to a suitable fixture and pressurized to 50 psig. The pressure shall be directed outward (see 3.2.6.5) and cycled 1000 times from 0 to 50 psig. Displacement of the center of the window shall be measured at the first and at the end of each one hundred cycles. The torque on the screws that hold the window to the pressure fixture shall be measured before and after the test. Screws shall be torqued to a minimum of 40 in-lbs.

TO:

### 4.2.1.7 Pressure Test

To satisfy the requirements of 3.2.6.5, the window shall be attached to a suitable fixture and pressurized to 50 psig. The pressure shall be directed outward (see 3.2.6.5) and cycled 100 times from 0 to 50 psig. Displacement of the center of the window shall be measured at the first and at the end of one hundred cycles. The torque on the screws that hold the window to the pressure fixture shall be measured before and after the test. Screws shall be ¼-20UNC Monel per FF-S-86 torqued to a minimum of 40 in-lbs (Dry,  $k=0.2$ )

NOTE: Krytox 240AC is the only thread lubricant authorized. If used for this test, the torque is recalculated (using  $k=0.10$ ) to be 19 in-lbs.

## 2. ADD:

### 4.2.2.11 First Article Pressure Test

To satisfy the requirements of 3.2.6.5, the window shall be attached to a suitable fixture and pressurized to 50 psig. The pressure shall be directed outward (see 3.2.6.5) and cycled 1000 times from 0 to 50 psig. Displacement of the center of the window shall be measured at the first and at the end of each one hundred cycles. The torque on the screws that hold the window to the pressure fixture shall be measured before and after the test. Screws shall be ¼-20UNC Monel per FF-S-86 torqued to a minimum of 40 in-lbs (Dry,  $k=0.2$ )

NOTE: Krytox 240AC is the only thread lubricant authorized. used for this test, the torque is recalculated (using  $k=0.10$ ) to be 19 in-lbs.

TABLE 2:

3. Remove reference to extraneous noise.

4. Remove PCT requirement for vibration test.

ADD: Hydrodynamic Load test paragraph column. 3.2.6.5/4.2.2.11 for FAT only.

ADD: Material Degradation Requirement 3.3.1 / 4.2.2.10 / FAT

Change:

FROM: NONOPERATING PRESSURE Test 3.2.6.1/4.2.2.10.

TO: NONOPERATING PRESSURE Test 3.2.6.4/4.2.2.5.

**ATTACHMENT 1 TO ECP 2104NS001**

FROM: Operating Temperature Test 3.2.6.1/4.2.  
TO: Operating Temperature Test 3.2.6.1/4.2.2.2